

## DETAILED ACTION

### *Double Patenting*

The double patenting made in the office action dated August 10, 2007, has been withdrawn for the following reason:

In the method of the instant application, a judgment is made whether to write a value into memory for each reference element in the reference matrix depending on the value of the reference element. However, in claim 1 of U.S. Publication No. 2005/0238246, a judgment to stop reading is made by comparing two counted numbers. As the scope of claims 1 and 2 of the instant application are significantly different from claim 1 of U.S. Publication No. 2005/0238246. Also, the reference matrix helps, for example, to achieve a faster algorithm for frequency-domain transform, e.g., the technique shown in Fig. 19 of the instant application.

## REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: The present invention is directed towards a method and apparatus for reducing memory access while de/compressing multimedia files, videos, or image files. The closest prior art found was Kitsuki 5,828,785. The prior art teaches a method for reducing the number of access times to a reference frame memory in image compression, however fails to teach:

"taking a transformation checking step for checking if the reference matrix fits a default matrix; if the reference matrix does not fit the default matrix, a corresponding output matrix is generated by proceeding to a transformation operation for the frequency-domain matrix"

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL VANCHY JR whose telephone number is (571)270-1193. The examiner can normally be reached on Monday - Friday 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samir Ahmed can be reached on (571) 272-7413. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Michael J. Vanchy Jr.  
Examiner, AU 2624  
(571) 270-1193

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[Michael.Vanchy@uspto.gov](mailto:Michael.Vanchy@uspto.gov)

/Samir A. Ahmed/

Supervisory Patent Examiner, Art Unit 2624